RideKC STREETCAR™ RideKC

Data-driven Process Informed by Public Input

PURPOSE + NEED

IMPROVE MOBILITY CHOICES & ACCESSIBILITY

INTEGRATE SEAMLESSLY
with existing & future transit service; promote a holistic regional system with a strong spine

ECONOMIC DEVELOPMENT
develop underutilized/vacant property; support existing residential & commercial activity

INCREASE DENSITY
and promote a broader mix of building uses; activate spaces

EFFICIENT, RELIABLE, SAFE
transit service

1a. DEVELOP STOP LOCATIONS
By Intersection

REGIONAL CONNECTIVITY
Does the location serve an existing or future regional transit need (e.g. east-west connection)?

BUS INTEGRATION
Is there a need or desire to have a shared streetcar / bus stop or a nearby transfer?

RIDERSHIP
Does the location have high bus ridership and/or would it have forecasted streetcar ridership?

PEDESTRIAN DEMAND
Does the location serve high-pedestrian demand and/or pedestrian-oriented land uses?

ECONOMIC DEVELOPMENT
Is there an opportunity for (re)development here?

LOCAL EXPRESSED DESIRE
Have Stakeholders and/or the public expressed interest in a stop near this location?

SPACING
Does a stop here provide a reasonable/desirable distance from adjacent stops?

PHYSICAL CAPABILITY
Does the width of the sidewalk and street allow for a stop to physically fit at this location?

1b. DEVELOP BEST-LANE ALTERNATIVES
By Segment

ON-STREET PARKING / LOADING
Is there a need for on-street parking and/or loading on one or both sides of the street?

THROUGH LANES
How many vehicular through lanes are needed?

DRIVEWAY ACCESS
Is there a need to access businesses between intersections (especially via left turns)?

INTERSECTION LEFT TURNS
Is there a need to allow left-turns at intersections?

PEDESTRIAN NEEDS
Does the segment allow space for pedestrians and waiting riders (if a stop is planned within the segment)?

BIKE & TRAIL INTEGRATION
What provisions are needed to integrate the Trolley Track Trail and bicycles?

UTILITIES
Would utility issues create conflicts with streetcar tracks in a given lane?

CURB STOP NEEDED
Do other factors dictate need for a curb stop (e.g. local development, shared bus stops or system considerations)?

2. SYSTEM CONSIDERATIONS

OPERATIONAL EFFICIENCY

COST

CONSTRUCTABILITY

PUBLIC INPUT

3. COMPARE ALTERNATIVES